

DCA09FR008
Lake Buena Vista, Florida
July 5, 2009

Mechanical
Monorail Beam and Switch beam
Inspection
Job Plans

Walt Disney World Resort

Job Plan

Job Plan ID: JPL503144

Description: MRM MONO Mainline Switch - Monthly

Compliance: RIDELAW

Supervisor:

Priority: 5

Craft: MECH - Mechanic

Duration: 1.00

Interruptible: N

Crew ID:

Status: ACTIVE

Qualification Req?: Y

Task ID	Description:	Estimated Duration
0	<p>Training Verification</p> <p>By completing this step with my labor code, I certify that I have been trained and qualified to perform this work order or am working under the supervision of a trained and qualified Cast Member. Additionally, I have read and understand all the steps contained in this work order and agree to comply with the procedures listed. I understand that I am to report any deficiencies identified during the performance of this work order to my supervisor.</p>	
10	<p>Mainline Switch (105370)</p> <p>Mainline Switch (105370)</p> <p>Procedure contains 2 steps</p> <p>Verify Mainline Switch has proper and smooth operation by performing the following:</p> <ol style="list-style-type: none"> 1. Verify switches move, align, and lockdown in the appropriate positions. 2. Verify shop indicator lights reflect operation of switch. 	
5000	<p>Generic Text for completing a PM</p> <p>Before this PM may be completed, non-conforming or non-operational components must either be:</p> <ol style="list-style-type: none"> 1. Repaired per approved procedure using a follow-up Ride Critical Work Order, OR 2. Authorized for use through a follow-up Ride Critical Work Order that has been approved by the Cognizant engineering Representative, OR 3. Removed from the attraction, identified as not available for use AND designated for repair on a follow-up Ride Critical Work Order per approved procedure, OR 4. Identified as not available for use AND locked out in accordance with current lockout guidelines if the component cannot be removed from the attraction. 	
Total Estimated Duration:		0.00

Walt Disney World Resort

Job Plan

Job Plan ID: JP6023101

Description: MONO Switchbeam Mechanical - Monthly

Compliance:

Priority: 3

Duration: 4.70

Interruptible: N

Status: ACTIVE

Supervisor:

Craft: MECHTRAN - Mechanical Tran

Crew ID:

Qualification Req?: N

Task ID	Description:	Estimated Duration
10	Control Panel Control Panel Give general overall check Procedure contains 5 steps 1. Clean compartments of dust and debris. 2. Check for corrosion and deterioration. 3. Check for unusual vibration and noise. 4. Check for proper grounding. 5. Check for loose and/or missing hardware.	
20	Lockdown Motor Assembly Mechanism - lubricate.	
30	Travel Motor (Switch Beams 1-7) Travel Motor (Switch Beams 1-7) Check fluid level. Fill as required with A.T.F.	
35	Travel-end Beam Drain Plug Travel-end Beam Drain Plug procedure contains 3 steps 1. Remove Beam drain plug. 2. Drain all liquids. 3. Replace Beam drain plug.	
40	Load Wheel Bearings (Switch Beams 1-7) Load Wheel Bearings (Switch Beams 1-7)	
50	Lubricate Load Wheel Bearings, (qty 2). Center Truck Wheels (Switch Beams 1-7) Center Truck Wheels (Switch Beams 1-7)	
55	Lubricate Center Truck Wheels, (qty 2). Middle Beam Drain Plug Middle Beam Drain Plug procedure contains 3 steps 1. Remove Beam drain plug. 2. Drain all liquids. 3. Replace Beam drain plug.	
60	Pivot Pin Assembly (Switch Beams 1-7) - lubricate	

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- 65 Pivot-end Drain Plug
Pivot-end Drain Plug
procedure contains 3 steps
1. Remove Beam drain plug.
 2. Drain all liquids.
 3. Replace Beam drain plug.
- 70 Hinge Pin (Switch Beams 4-7)
Hinge Pin (Switch Beams 4-7)
Procedure contains 2 steps
1. Check and lubricate hinge pin holding flapper plate to switch beam.
 2. Ensure screws are in place.
- 80 Switch Beam Drive Motor (Switch Beams 1-7)
Switch Beam Drive Motor (Switch Beams 1-7)
Procedure contains 2 steps
1. Remove cover plate.
 2. Check oil level in fluid coupling, level should be 1/2 full.
- 90 Floragold Pads (Switch Beams 1-7) - Check for servicability
- 100 Travel Plate lubrication
Travel Plate lubrication
- 5000 Remove old grease and apply new grease on travel plate for truck wheels.
Generic text for completing a pm
Complete the PM and create follow up work order for any corrective actions required on non-operational units. Notify your service manager of any discrepancies.

Total Estimated Duration: 0.00

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Job Plan

Job Plan ID: JPR503146

Description: PR4 MONO Beam - Quarterly

Compliance:

Priority: 4

Duration: 24.00

Interruptible: N

Status: ACTIVE

Supervisor:

Craft: -

Crew ID:

Qualification Req?: N

Task ID	Description:	Estimated Duration
10	Beam Beam Visually check the Beam for structural integrity. Procedure contains 4 steps 1. Visually check beam surfaces for wear, indications, and missing patches. 2. Visually check Beam Alignment Devices for structural integrity and security of fasteners. 3. Grease all tie rod eand zerk fittings on alignment devices. 4. Visually check for serviceability, indications, proper attachment and secure mounting hardware.	
20	Bus Bar Bus Bar Procedure contains 4 steps 1. Visually check Bus covers for structural integrity. 2. Visually check Bus bar for structural integrity and security of fasteners. 3. Visually check bus bar for loose, worn, and missing stainless steel cap. 4. Visually check for worn or damaged expansion joints.	
30	MAPO transmitter MAPO transmitter Visually check all MAPO transmitter connections for corrosion, broken wires and loose or missing mounting hardware.	
40	Insulators Insulators Procedure contains 2 steps 1. Visually check Insulators for structural integrity and security of fasteners. 2. Visually check insulators for indications and loose or missing mounting hardware.	
5000	Generic text for completing a PM Complete the PM and create follow up work order for any corrective actions required on non-operational units. Notify your service manager of any discrepancies.	
Total Estimated Duration:		0.00

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Job Plan

Job Plan ID: JPL503246

Description: MRM MONO Wayside Blocklight System Express Beam - Quarterly

Compliance: RIDELAW

Supervisor:

Priority: 5

Craft: -

Duration: 30.00

Interruptible: N

Crew ID:

Status: ACTIVE

Qualification Req?: Y

Task ID	Description:	Estimated Duration
0	<p>Training Verification</p> <p>By completing this step with my labor code, I certify that I have been trained and qualified to perform this work order or am working under the supervision of a trained and qualified Cast Member. Additionally, I have read and understand all the steps contained in this work order and agree to comply with the procedures listed. I understand that I am to report any deficiencies identified during the performance of this work order to my supervisor.</p>	
10	<p>Chase Train install test equipment</p> <p>Chase Train install test equipment</p> <p>Procedure contains 2 steps</p> <p>Verify the MAPO (blocklight) System/wayside is operational by performing the following</p> <ol style="list-style-type: none"> 1. Using a train, designated the "chase" train, with the MAPO equipment calibrated and functioning correctly, install test equipment in Cab 1. 2. With no other trains affecting the MAPO signals received by "chase" train, make one complete loop, starting at TTC, recording data on the chart recorder. 	
20	<p>Lead Train pylon 26</p> <p>Lead Train pylon 26</p> <p>Have a second train, designated "lead" train hold at pylon 26.</p>	
30	<p>Chase Train frequency pylon 2 and 10</p> <p>Chase Train frequency pylon 2 and 10</p> <p>Procedure contains 3 steps</p> <ol style="list-style-type: none"> 1. Starting at TTC and recording data on chart recorder have "chase" train drive forward noting AMBER crossing pylon 2 and receiving RED crossing pylon 10. 2. Frequency for pylon 2 is 22525. 3. Frequency for pylon 10 is 25025. 	
40	<p>Lead Train pylon 45</p> <p>Lead Train pylon 45</p> <p>Have "lead" train drive to pylon 45, hold and notify maintenance.</p>	
50	<p>Chase Train frequency pylon 18 and 26</p> <p>Chase Train frequency pylon 18 and 26</p> <p>Procedure contains 3 steps</p> <ol style="list-style-type: none"> 1. Once "lead" train notifies holding at 45, drive "chase" train forward noting AMBER crossing pylon 18 and receiving RED crossing pylon 26. 2. Frequency for pylon 18 is 27525. 3. Frequency for pylon 26 is 22475. 	

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60

Lead train pylon 66
Lead train pylon 66

70

Have "lead" train drive to pylon 66, hold and notify maintenance.
Chase Train frequency pylon 34 and 45
Chase Train frequency pylon 34 and 45
Procedure contains 3 steps

1. Once "lead" train notifies holding at 66, drive "chase" train forward noting AMBER crossing pylon 34 and receiving RED crossing pylon 45.

2. Frequency for pylon 34 is 24975.

3. Frequency for pylon 45 is 27475.

80

Lead Train pylon 83
Lead Train pylon 83

90

Have "lead" train drive to pylon 83, hold and notify maintenance.
Chase Train frequency pylon 53 and 66
Chase Train frequency pylon 53 and 66
Procedure contains 3 steps

1. Once "lead" train notifies holding at 83, drive "chase" train forward noting AMBER crossing pylon 53 and receiving RED crossing pylon 66.

2. Frequency for pylon 53 is 22525.

3. Frequency for pylon 66 is 25025.

100

Lead Train pylon 99
Lead Train pylon 99

110

Have "lead" train drive to pylon 99, hold and notify maintenance.
Chase Train frequency pylon 73 and 83
Chase Train frequency pylon 73 and 83
Procedure contains 3 steps

1. Once "lead" train notifies holding at 99, drive "chase" train forward noting AMBER crossing pylon 73 and receiving RED crossing pylon 83.

2. Frequency for pylon 73 is 27525.

3. Frequency for pylon 83 is 22475.

120

Lead Train pylon 116
Lead Train pylon 116

130

Have "lead" train drive to pylon 116, hold and notify maintenance.
Chase Train frequency pylon 91 and 99
Chase Train frequency pylon 91 and 99
Procedure contains 3 steps

1. Once "lead" train notifies holding at 116, drive "chase" train forward noting AMBER crossing pylon 91 and receiving RED crossing pylon 99.

2. Frequency for pylon 91 is 24975.

3. Frequency for pylon 99 is 27475.

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- 140 Lead Train pylon 135
 Lead Train pylon 135
- 150 Have "lead" train drive to pylon 135, hold and notify maintenance.
 Chase Train frequency pylon 108 and 116
 Chase Train frequency pylon 108 and 116
 Procedure contains 3 steps
1. Once "lead" train notifies holding at 135, drive "chase" train forward noting AMBER crossing pylon 108 and receiving RED crossing pylon 116.
 2. Frequency for pylon 108 is 22525.
 3. Frequency for pylon 116 is 25025.
- 160 Lead Train pylon 155
 Lead Train pylon 155
- 170 Have "lead" train drive to pylon 155, hold and notify maintenance.
 Chase Train frequency pylon 125 and 135
 Chase Train frequency pylon 125 and 135
 Procedure contains 3 steps
1. Once "lead" train notifies holding at 155, drive "chase" train forward noting AMBER crossing pylon 125 and receiving RED crossing pylon 135.
 2. Frequency for pylon 125 is 27525.
 3. Frequency for pylon 135 is 22475.
- 180 Lead Train pylon 10
 Lead Train pylon 10
- 190 Have "lead" train drive to pylon 10, hold and notify maintenance.
 Chase Train frequency pylon 145 and 155
 Chase Train frequency pylon 145 and 155
 Procedure contains 3 steps
1. Once "lead" train notifies holding at 10, drive "chase" train forward noting AMBER crossing pylon 145 and receiving RED crossing pylon 155.
 2. Frequency for pylon 145 is 24975.
 3. Frequency for pylon 155 is 27475.
- 5000 Generic Text for completing a PM
 Before this PM may be completed, non-conforming or non-operational components must either be:
1. Repaired per approved procedure using a follow-up Ride Critical Work Order, OR
 2. Authorized for use through a follow-up Ride Critical Work Order that has been approved by the Cognizant engineering Representative, OR
 3. Removed from the attraction, identified as not available for use AND designated for repair on a follow-up Ride Critical Work Order per approved procedure, OR
 4. Identified as not available for use AND locked out in accordance with current lockout guidelines if the component cannot be removed from the attraction.

Total Estimated Duration: **0.00**

Walt Disney World Resort

Job Plan

Job Plan ID: JPL503646

Description: MRM MONO Wayside Blocklight System EPCOT Beam - Quarterly

Compliance: RIDELAW

Supervisor:

Priority: 5

Craft: -

Duration: 30.00

Interruptible: N

Crew ID:

Status: ACTIVE

Qualification Req?: Y

Task ID	Description:	Estimated Duration
0	<p>Training Verification</p> <p>By completing this step with my labor code, I certify that I have been trained and qualified to perform this work order or am working under the supervision of a trained and qualified Cast Member. Additionally, I have read and understand all the steps contained in this work order and agree to comply with the procedures listed. I understand that I am to report any deficiencies identified during the performance of this work order to my supervisor.</p>	
10	<p>Chase Train install test equipment</p> <p>Chase Train install test equipment</p> <p>Procedure contains 2 steps</p> <p>Verify the MAPO (blocklight) System/wayside is operational by performing the following</p> <p>1. Using a train, designated the "chase" train, with the MAPO equipment calibrated and functioning correctly install test equipment in Cab 1.</p> <p>2. With no other trains affecting the MAPO signals received by "chase" train, make one complete loop, starting at Concourse, recording data on the chart recorder.</p>	
20	<p>Lead Train pylon 28</p> <p>Lead Train pylon 28</p>	
30	<p>Have a second train, designated "lead" train hold at pylon 28.</p> <p>Chase Train frequency pylon 2 and 10</p> <p>Chase Train frequency pylon 2 and 10</p> <p>Starting at Concourse and recording data on chart recorder have "chase" train drive forward noting AMBER crossing pylon 2 and receiving RED crossing pylon 10.</p> <p>a. Frequency for pylon 2 is 27475.</p> <p>b. Frequency for pylon 10 is 24975.</p>	
40	<p>Lead Train pylon 48</p> <p>Lead Train pylon 48</p>	
50	<p>Have "lead" train drive to pylon 48, hold and notify maintenance.</p> <p>Chase Train frequency pylon 19 and 28</p> <p>Chase Train frequency pylon 19 and 28</p> <p>Once "lead" train notifies holding at 48, drive "chase" train forward noting AMBER crossing pylon 19 and receiving RED crossing pylon 28.</p> <p>a. Frequency for pylon 19 is 22525.</p> <p>b. Frequency for pylon 28 is 27525.</p>	
60	<p>Lead Train pylon 67</p> <p>Lead Train pylon 67</p> <p>Have "lead" train drive to pylon 67, hold and notify maintenance.</p>	

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- 70 Chase Train frequency pylon 38 and 48
Chase Train frequency pylon 38 and 48
- Once "lead" train notifies holding at 67, drive "chase" train forward noting AMBER crossing pylon 38 and receiving RED crossing pylon 48.
- a. Frequency for pylon 38 is 25025.
- b. Frequency for pylon 48 is 22475.
- 80 Lead Train pylon 87
Lead Train pylon 87
- 90 Have "lead" train drive to pylon 87, hold and notify maintenance.
Chase Train frequency pylon 57 and 67
Chase Train frequency pylon 57 and 67
- Once "lead" train notifies holding at 87, drive "chase" train forward noting AMBER crossing pylon 57 and receiving RED crossing pylon 67.
- a. Frequency for pylon 57 is 27425.
- b. Frequency for pylon 67 is 24975.
- 100 Lead Train pylon 109
Lead Train pylon 109
- 110 Have "lead" train drive to pylon 109, hold and notify maintenance.
Chase Train frequency pylon 77 and 87
Chase Train frequency pylon 77 and 87
- Once "lead" train notifies holding at 109, drive "chase" train forward noting AMBER crossing pylon 77 and receiving RED crossing pylon 87.
- a. Frequency for pylon 77 is 22525.
- b. Frequency for pylon 87 is 27525.
- 120 Lead Train pylon 127
Lead Train pylon 127
- 130 Have "lead" train drive to pylon 127, hold and notify maintenance.
Chase Train frequency pylon 99 and 109
Chase Train frequency pylon 99 and 109
- Once "lead" train notifies holding at 127, drive "chase" train forward noting AMBER crossing pylon 99 and receiving RED crossing pylon 109.
- a. Frequency for pylon 99 is 25025.
- b. Frequency for pylon 109 is 22475.
- 140 Lead Train pylon 145
Lead Train pylon 145
- Have "lead" train drive to pylon 145, hold and notify maintenance.

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- 150 Chase Train pylon 119 and 127
Chase Train pylon 119 and 127
- Once "lead" train notifies holding at 145, drive "chase" train forward noting AMBER crossing pylon 119 and receiving RED crossing pylon 127.
- a. Frequency for pylon 119 is 27475.
- b. Frequency for pylon 127 is 24975.
- 160 Lead Train pylon 165
Lead Train pylon 165
- Have "lead" train drive to pylon 165, hold and notify maintenance.
- 170 Chase Train frequency pylon 136 and 145
Chase Train frequency pylon 136 and 145
- Once "lead" train notifies holding at 165, drive "chase" train forward noting AMBER crossing pylon 136 and receiving RED crossing pylon 145.
- a. Frequency for pylon 136 is 22525.
- b. Frequency for pylon 145 is 27525.
- 180 Lead Train pylon 186
Lead Train pylon 186
- Have "lead" train drive to pylon 186, hold and notify maintenance.
- 190 Chase Train frequency pylon 155 and 165
Chase Train frequency pylon 155 and 165
- Once "lead" train notifies holding at 186, drive "chase" train forward noting AMBER crossing pylon 155 and receiving RED crossing pylon 165.
- a. Frequency for pylon 155 is 25025.
- b. Frequency for pylon 165 is 22475.
- 200 Lead Train
Lead Train
- Have "lead" train drive to pylon 204, hold and notify maintenance.
- 210 Chase Train frequency pylon 178 and 186
Chase Train frequency pylon 178 and 186
- Once "lead" train notifies holding at 204, drive "chase" train forward noting AMBER crossing pylon 178 and receiving RED crossing pylon 186.
- a. Frequency for pylon 178 is 27475.
- b. Frequency for pylon 186 is 24975.
- 220 Lead Train pylon 220
Lead Train pylon 220
- Have "lead" train drive to pylon 220 (EPCOT), hold and notify maintenance.

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- 230 Chase Train frequency pylon 195 and 204
Chase Train frequency pylon 195 and 204
- Once "lead" train notifies holding at 220, drive "chase" train forward noting AMBER crossing pylon 195 and receiving RED crossing pylon 204.
- a. Frequency for pylon 195 is 22525.
- b. Frequency for pylon 204 is 27525.
- 240 Lead Train pylon 238
Lead Train pylon 238
- Have "lead" train drive to pylon 238, hold and notify maintenance.
- 250 Chase Train frequency pylon 212 and 220
Chase Train frequency pylon 212 and 220
- Once "lead" train notifies holding at 238, drive "chase" train forward noting AMBER crossing pylon 212 and receiving RED crossing pylon 220.
- a. Frequency for pylon 212 is 25025.
- b. Frequency for pylon 220 is 22475.
- 260 Lead Train pylon 257
Lead Train pylon 257
- Have "lead" train drive to pylon 257, hold and notify maintenance.
- 270 Chase Train frequency pylon 229 and 238
Chase Train frequency pylon 229 and 238
- Once "lead" train notifies holding at 257, drive "chase" train forward noting AMBER crossing pylon 229 and receiving RED crossing pylon 238.
- a. Frequency for pylon 229 is 27475.
- b. Frequency for pylon 238 is 24975.
- 280 Lead Train pylon 274
Lead Train pylon 274
- Have "lead" train drive to pylon 274, hold and notify maintenance.
- 290 Chase Train frequency pylon 248 and 257
Chase Train frequency pylon 248 and 257
- Once "lead" train notifies holding at 274, drive "chase" train forward noting AMBER crossing pylon 248 and receiving RED crossing pylon 257.
- a. Frequency for pylon 248 is 22525.
- b. Frequency for pylon 257 is 27525.
- 300 Lead Train pylon 294
Lead Train pylon 294
- Have "lead" train drive to pylon 294, hold and notify maintenance.

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- 310 Chase Train frequency pylon 266 and 274
Chase Train frequency pylon 266 and 274
- Once "lead" train notifies holding at 294, drive "chase" train forward noting AMBER crossing pylon 266 and receiving RED crossing pylon 274.
- a. Frequency for pylon 266 is 25025.
- b. Frequency for pylon 274 is 22475.
- 320 Lead Train pylon 316
Lead Train pylon 316
- Have "lead" train drive to pylon 316, hold and notify maintenance.
- 330 Chase Train frequency pylon 284 and 294
Chase Train frequency pylon 284 and 294
- Once "lead" train notifies holding at 316, drive "chase" train forward noting AMBER crossing pylon 284 and receiving RED crossing pylon 294.
- a. Frequency for pylon 284 is 27475.
- b. Frequency for pylon 294 is 24975.
- 340 Lead Train pylon 336
Lead Train pylon 336
- Have "lead" train drive to pylon 336, hold and notify maintenance.
- 350 Chase Train frequency pylon 306 and 316
Chase Train frequency pylon 306 and 316
- Once "lead" train notifies holding at 336, drive "chase" train forward noting AMBER crossing pylon 306 and receiving RED crossing pylon 316.
- a. Frequency for pylon 306 is 22525.
- b. Frequency for pylon 316 is 27525.
- 360 Lead Train pylon 355
Lead Train pylon 355
- Have "lead" train drive to pylon 355, hold and notify maintenance.
- 370 Chase Train frequency pylon 326 and 336
Chase Train frequency pylon 326 and 336
- Once "lead" train notifies holding at 355, drive "chase" train forward noting AMBER crossing pylon 326 and receiving RED crossing pylon 336.
- a. Frequency for pylon 326 is 25025.
- b. Frequency for pylon 336 is 22475.
- 380 Lead Train pylon 372
Lead Train pylon 372
- Have "lead" train drive to pylon 372, hold and notify maintenance.

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- 390 Chase Train frequency pylon 345 and 355
Chase Train frequency pylon 345 and 355
- Once "lead" train notifies holding at 372, drive "chase" train forward noting AMBER crossing pylon 345 and receiving RED crossing pylon 355.
- a. Frequency for pylon 345 is 27475.
 - b. Frequency for pylon 355 is 24975.
- 400 Lead Train pylon 386
Lead Train pylon 386
- 410 Have "lead" train drive to pylon 386, hold and notify maintenance.
Chase Train frequency pylon 365 and 372
Chase Train frequency pylon 365 and 372
- Once "lead" train notifies holding at 386, drive "chase" train forward noting AMBER crossing pylon 365 and receiving RED crossing pylon 372.
- a. Frequency for pylon 365 is 22525.
 - b. Frequency for pylon 372 is 27525.
- 420 Lead Train pylon 10
Lead Train pylon 10
- 430 Have "lead" train drive to pylon 10, hold and notify maintenance.
Chase Train frequency pylon 379 and 386
Chase Train frequency pylon 379 and 386
- Once "lead" train notifies holding at 10, drive "chase" train forward noting AMBER crossing pylon 379 and receiving RED crossing pylon 386.
- a. Frequency for pylon 379 is 25025.
 - b. Frequency for pylon 386 is 22475.
- 5000 Generic Text for completing a PM
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1. Repaired per approved procedure using a follow-up Ride Critical Work Order, OR
 2. Authorized for use through a follow-up Ride Critical Work Order that has been approved by the Cognizant engineering Representative, OR
 3. Removed from the attraction, identified as not available for use AND designated for repair on a follow-up Ride Critical Work Order per approved procedure, OR
 4. Identified as not available for use AND locked out in accordance with current lockout guidelines if the component cannot be removed from the attraction.

Total Estimated Duration: 0.00